

## § 11.474

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard approved stability course approved for a license or MMC endorsement as barge supervisor;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(b) An applicant for an endorsement as BS who holds an unlimited license or MMC endorsement as master or mate must satisfy the requirements in paragraph (a)(2) of this section and have at least 84 days of service as ballast control operator or barge supervisor trainee.

[CGD 81-059a, 55 FR 14801, Apr. 18, 1990, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51195, Sept. 30, 1997; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

### § 11.474 Officer endorsements as ballast control operator.

(a) To qualify for an endorsement as ballast control operator (BCO), an applicant must:

(1) Present evidence of the following experience:

(i) One year of employment assigned to MODUs including at least 28 days of service as a trainee under the supervision of an individual holding a license or MMC endorsement as ballast control operator; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer, National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 28 days of service as a trainee under the supervision of an individual holding a license or MMC endorsement as ballast control operator; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard approved stability course approved for

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a license or MMC endorsement as barge supervisor or ballast control operator;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(b) An applicant for an endorsement as BCO who holds an unlimited license or MMC endorsement as master, mate, chief engineer, or assistant engineer must satisfy the requirements in paragraph (a)(2) of this section and have at least 28 days of service as a trainee under the supervision of an individual holding an endorsement as ballast control operator.

[CGD 81-059a, 55 FR 14801, Apr. 18, 1990, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51196, Sept. 30, 1997; USDA-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

### § 11.476 [Reserved]

### § 11.480 Radar observer.

(a) This section contains the requirements that an applicant must meet to qualify as a radar observer. (Part 15 of this chapter specifies who must qualify as a radar observer.)

(b) If an applicant meets the requirements of this section, one of the following Radar-Observer endorsements will be added to his or her MMC:

(1) Radar Observer (Unlimited).

(2) Radar Observer (Inland Waters and GIWW).

(3) Radar Observer (Rivers).

(c) Radar Observer (Unlimited) is valid on all waters. Radar Observer (Inland Waters and GIWW) is valid only for those waters other than the Great Lakes covered by the Inland Navigational Rules. Radar Observer (Rivers) is valid only on any river, canal, or similar body of water designated by the OCMI, but not beyond the boundary line.

(d) Except as provided by paragraphs (e) and (f) of this section, each applicant for a Radar-Observer endorsement or for renewal of an endorsement must complete the appropriate course approved by the Coast Guard, receive the appropriate certificate of training, and present the certificate to the OCMI.